

**2012 Daily Values**

**MISSISSIPPI RIVER AT LOUISIANA, MO (MILO/0282A)**

**Location:** LAT. 39-27-09, LONG. 91-02-48, LOUISIANA CITY WATER INTAKE, ON RIGHT BANK AT MILE 282.9 ABOVE THE MOUTH OF THE OHIO RIVER. PRIOR TO JAN 23, 1950, GAGE WAS LOCATED AT RAILROAD BRIDGE 0.8 MILE DOWNSTREAM, WITH DATUM 0.11 LOWER THAN THAT NOW IN USE.

**Gage:** STAFF GAGE FLOAT WELL AND G.O.E.S. TELEMETERED DATA COLLECTION PLATFORM WITH PRESSURE TRANSDUCER. OWNED AND OPERATED BY ST. LOUIS DISTRICT, CORPS OF ENGINEERS. MAINTAINED IN CONJUNCTION WITH THE NATIONAL WEATHER SERVICE.

**General Information:** FLOOD STAGE, 15 FEET. DRAINAGE AREA, 140,700 SQUARE MILES. NOTE: LOCK & DAM 24 REACHED MAXIMUM REGULATED POOL (449.0 FEET NGVD.) ON MAY 14, 1940.

**Records Available:** STAGE, AUG. 1878 TO DATE, IN FILES OF CORPS OF ENGINEERS. PARTIAL STAGE RECORDS FROM 1873 TO 1878 IN FILES OF NATIONAL WEATHER SERVICE. NOTE: UNPUBLISHED DISCHARGE MEASUREMENTS MADE DURING FLOOD EVENTS IN U.S.G.S. & CORPS FILES.

**Mean Stage:** PERIOD OF RECORD, 9.02 FT . 01 JAN 1941 TO DATE, 12.47 FT .

**Extreme Stage:** PERIOD OF RECORD, DAILY HIGH OF 28.28 FT ON 29 JUL 1993 & PERIOD OF RECORD, DAILY LOW OF -3.20 FT OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 28 DEC 1933 . 01 JAN 1941 TO DATE, DAILY LOW OF 2.00 FT OCCURRING ON MULTIPLE DATES WITH THE MOST RECENT ON 14 FEB 1941 .

**Zero Gage Datum:** 437.33 ft NGVD 29 NOTE: ADD DATUM TO STAGE TO OBTAIN ELEVATION.

ALL VALUES RECORDED AT 8AM. STAGE IN FT:

	Month											
Day	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	11.99	11.89	11.75	11.99	12.01	11.63	12.07	11.74	11.78	11.66	11.68	11.57
2	11.75	11.80	11.93	12.11	12.23	11.78	12.10	11.67	11.61	11.54	11.67	11.92
3	11.80	11.71	11.81	12.00	12.03	11.76	11.95	11.65	11.51	11.63	11.93	11.93
4	11.89	11.97	12.00	12.00	11.67	11.99	12.01	11.82	11.75	11.78	11.63	11.92
5	11.94	11.77	12.18	11.94	12.57	11.85	12.01	11.97	11.64	11.80	11.64	11.92
6	11.78	11.91	11.96	12.03	13.27	11.76	12.06	11.81	11.59	11.74	11.80	11.76
7	11.90	11.87	11.80	11.99	12.85	11.74	12.13	11.99	11.61	11.59	11.89	11.77
8	11.72	11.85	11.99	11.84	12.53	11.81	11.90	12.03	11.76	11.64	11.83	11.85
9	11.76	11.86	12.01	12.06	12.60	11.70	11.79	12.10	11.80	11.46	11.80	11.91
10	11.94	11.88	11.80	11.92	12.41	11.87	11.93	11.84	11.74	11.47	11.72	11.76
11	11.77	11.75	12.01	12.10	12.34	11.98	11.77	11.72	11.64	11.75	11.71	11.72
12	12.00	11.77	11.95	11.99	12.01	12.08	12.06	11.83	11.62	11.68	11.54	11.79
13	11.83	11.92	12.02	11.80	12.02	11.94	12.05	12.02	11.62	11.89	12.01	11.83
14	11.88	11.89	11.81	12.05	11.81	11.82	12.06	11.92	11.61	12.03	11.71	11.86
15	11.75	11.79	11.77	11.99	11.90	11.95	12.02	11.83	11.69	12.04	11.74	11.91
16	11.77	11.82	11.94	11.91	11.79	11.85	11.93	11.86	11.81	11.72	11.71	11.82
17	12.04	11.78	11.87	11.85	11.78	11.75	12.00	11.77	11.90	11.65	11.72	11.85
18	11.83	11.87	11.88	11.97	11.88	E 11.89	11.99	11.68	11.88	11.84	11.74	12.06
19	11.87	11.87	11.73	11.83	11.89	11.83	11.85	11.81	11.77	11.82	11.74	
20	11.71	11.81	11.92	11.82	11.83	11.67	11.95	11.79	11.89	11.97	11.74	
21	11.73	11.89	11.72	11.68	11.75	11.68	11.98	11.86	11.77	12.01	11.89	
22	11.94	11.95	11.69	11.98	11.73	11.80	12.05	11.93	11.63	12.06	12.00	
23	11.93	11.89	11.74	12.08	11.69	11.79	11.83	11.88	11.85	12.00	11.55	
24	11.70	11.80	12.06	12.01	11.81	11.82	11.83	11.76	11.74	11.94	11.44	
25	12.03	11.73	11.84	11.83	11.70	11.73	11.83	11.62	11.59	11.77	11.69	
26	11.72	11.78	12.08	11.84	11.52	11.73	11.80	11.92	11.57	11.58	11.63	
27	11.84	11.82	11.89	11.98	11.69	11.80	11.77	11.92	11.69	11.78	11.84	
28	11.64	11.89	11.89	12.03	11.64	11.85	11.77	11.72	11.93	11.78	11.92	
29	11.82	11.93	12.02	11.95	11.67	11.97	11.81	11.77	11.75	11.72	11.77	
30	11.76	----	11.95	12.00	11.91	11.91	11.87	11.62	11.73	11.68	11.52	
31	11.89	----	12.01	----	11.83	----	11.79	11.63	----	11.59	----	

The following statistics are based on observations occurring in 2012 only.

<b>Mean</b>	11.84	11.84	11.90	11.95	12.01	11.82	11.93	11.82	11.72	11.76	11.74	11.84
<b>Max</b>	12.04	11.97	12.18	12.11	13.27	12.08	12.13	12.10	11.93	12.06	12.01	12.06
<b>Min</b>	11.64	11.71	11.69	11.68	11.52	11.63	11.77	11.62	11.51	11.46	11.44	11.57
<b>Day</b>	31	29	31	30	31	30	31	31	30	31	30	18

The Mean STAGE for the Year was: 11.85

The Highest STAGE for the Year was: 13.27 which occurred on: 05-06-2012

The Lowest STAGE for the Year was: 11.44 which occurred on: 11-24-2012 The Total Number of Days for the Year was: 353

Note:

E = Estimated

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